

# Planned Lifecycle Asset Replacement: MCG -- No. 509514

Category  
Agency  
Planning Area  
Relocation Impact

**General Government**  
**Public Works & Transportation**  
**Countywide**  
**None**

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

**March 30, 2004**  
**7-12(04 App)**  
**NO**

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision Land	379	0	79	300	50	50	50	50	50	50	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,477	0	742	2,735	485	450	450	450	450	450	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3,856</b>	<b>0</b>	<b>821</b>	<b>3,035</b>	<b>535</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	3,783	0	748	3,035	535	500	500	500	500	500	0
Current Revenue: General	73	0	73	0	0	0	0	0	0	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for a comprehensive lifecycle replacement program to protect the County's investment in facilities and equipment and to sustain efficient and reliable facility operation. The project is targeted at slowing the deterioration of the equipment and structures in County facilities. The project includes: mechanical/plumbing equipment replacement; lighting system replacement not covered under the Energy Conservation: MCG program; electrical equipment system replacement; building structural and exterior envelope refurbishment; and reconstruction of parking lots, sidewalks, and curbs adjacent to County facilities. The scope of this project parallels approved CIP projects of Montgomery County Public Schools, Montgomery College, and M-NCPPC.

### Service Area

Countywide

### JUSTIFICATION

The County currently has a significant backlog of major facility system and equipment replacements that result from facility age and past deferral of equipment replacement. Key components of mechanical and electrical systems are outdated, inefficient, and costly to repair. The replacement of major components and equipment significantly extends the useful life of County facilities. In FY93, the DPWT Division of Operations assessed the age and operational status of all major heating, air conditioning, refrigeration, plumbing, and electrical equipment in County facilities. Based upon the age of each item of equipment and industry-accepted equipment lifetimes, a listing of equipment by projected year of required replacement was developed. This listing was adjusted by in-house evaluations of actual equipment condition and integrated with existing major deferred maintenance items in the structural and site categories. The result is a comprehensive year-by-year program for the requisite replacement of aged and deteriorated equipment and structural components in County facilities.

### Cost Change

Increase due to the addition of two bathrooms at the Broome School for the Board of Elections and FY09-10 to this ongoing project.

\* Expenditures will continue indefinitely.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY95	(\$000)
Initial Cost Estimate		350
First Cost Estimate		
Current Scope	FY05	3,856
Last FY's Cost Estimate		3,196
Present Cost Estimate		3,856
Appropriation Request	FY05	535
Appropriation Request Est.	FY06	500
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		821
Expenditures/		
Encumbrances		248
Unencumbered Balance		573
Partial Closeout Thru	FY02	4,685
New Partial Closeout	FY03	375
Total Partial Closeout		5,060

### COORDINATION

Asbestos Abatement: MCG  
Department of Public Works and Transportation,  
Division of Capital Development and Division of  
Operations  
Energy Conservation: MCG  
Facility Planning: MCG  
HVAC/Electrical Replacement: MCG  
Roof Replacement: MCG

### MAP

